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(54) Title: IAP BINDING COMPOUNDS

(57) Abstract: Compounds that bind cellular IAPs (inhibitor of apoptosis proteins) are disclosed. The compounds are mimetics of the N-terminal tetrapeptide of IAP-binding proteins, such as Smac/DIABOLO, Hid, Grim and Reaper, which interact with a specific surface groove of IAP. Also disclosed are methods of using these compounds for therapeutic, diagnostic and assay purposes.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/22071

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61K 31/00

US CL : 514/1

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 514/1

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
USpat structure search

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 93/23424 A1 (HAUPT et al.) 25 November 1993 (25.11.1993), claim 1.	1-47
X	US 5,378,803 A (MORGAN et al.) 03 January 1995 (03.01.1995), claim 1.	1-47
X	US 5,463,124 A (JACOBI et al.) 31 October 1995 (31.10.1995), claim 1.	1-47

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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"A" document defining the general state of the art which is not considered to be of particular relevance

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